

Group acceptance sampling plans for resubmitted lots under exponentiated half logistic distribution

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Abstrak

In this article, we developed a resubmitted lot for group acceptance sampling plan to ensure the lifetime of the product quality assuming that the product lifetime follows the exponentiated half logistic distribution. The plan parameters are determined by fixing the experiment termination time and the number of testers at the specified producer's and consumer's risks both satisfy simultaneously. The proposed group sampling plan is compared with the ordinary group sampling plan. An example is given to illustrate the methodology.